

# **Fiscal Year 16/17 Annual Performance Report**

Office of Information Management and Analysis

February 6, 2018

Board Agenda Item # 11



## **What:**

- Web-based report organized by major function
- Documents efforts to protect and allocate the State's waters
- Includes clear and measurable targets for improved program performance
- Measures work completed and outcomes

## **Why:**

- For transparency and accountability
- To learn from successes and challenges
- To systematically manage and evaluate programs, activities, and priorities, and improve efficiency
- To increase public confidence

# Overview of Program and Reports

- **9<sup>th</sup> year of this web-based, public report that describes the work of the Water Boards in a transparent and easy to understand format.**
  - 14,000 website visits for FY 15-16 report
  - Measures what we do and how we are doing with the resources we assign to our work
  - Work outputs
    - 192 Report Cards → targets / measures for 9 regions, 5 divisions and offices
  - Environmental outcomes (on the increase)
    - 120 TMDL Report Cards, new data stories coming this year
  - Program is improving
    - New data management strategies create opportunities to innovate
      - open data, granular data, data storytelling, real-time, etc

**Ultimate Policy Intent**

**ENVIRONMENTAL  
OUTCOMES**

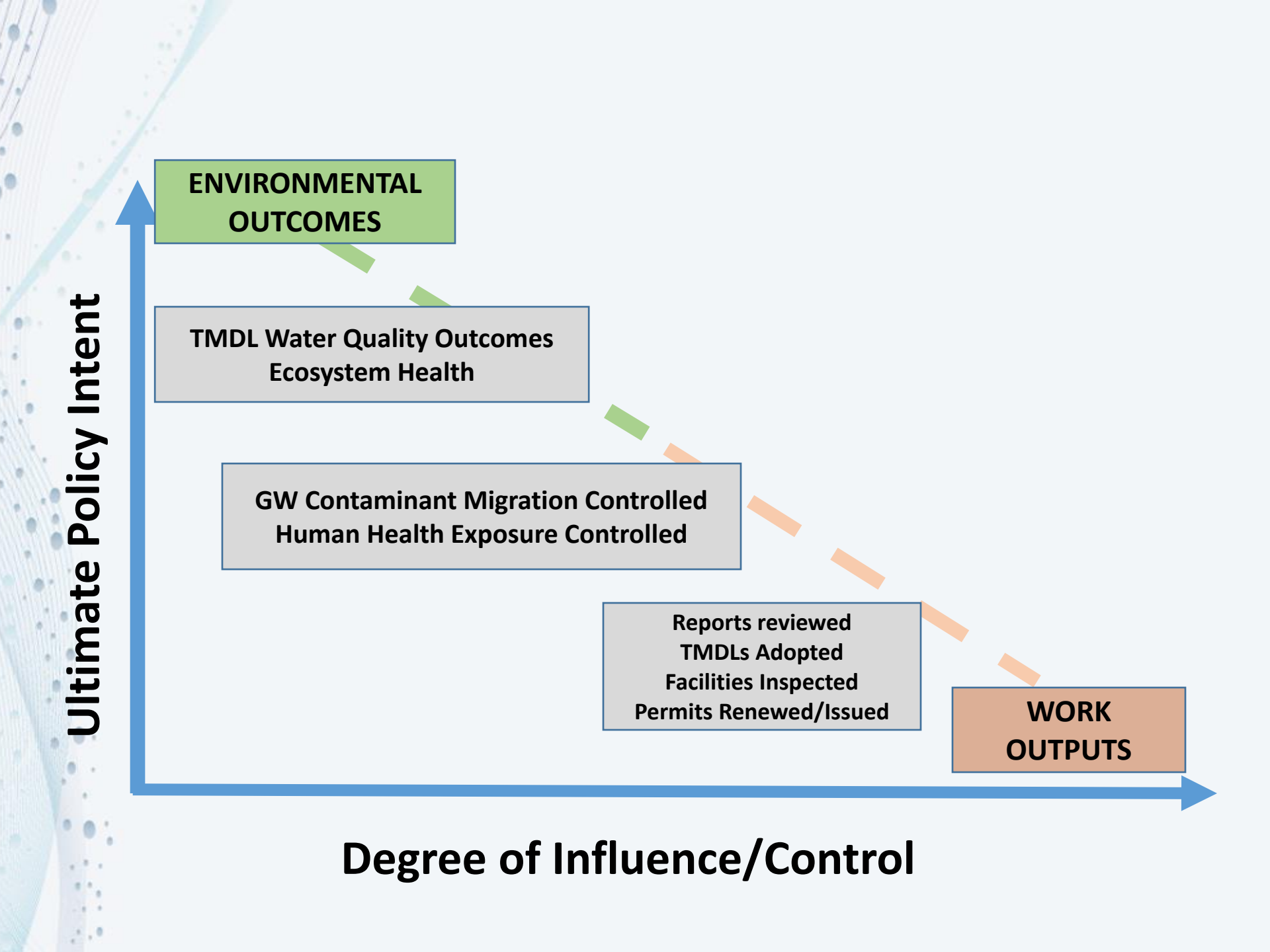
**TMDL Water Quality Outcomes  
Ecosystem Health**

**GW Contaminant Migration Controlled  
Human Health Exposure Controlled**

**Reports reviewed  
TMDLs Adopted  
Facilities Inspected  
Permits Renewed/Issued**

**WORK  
OUTPUTS**







**Degree of Influence/Control**












# Working Together

- Report information that is readily available in Water Board data systems
  - >20 enterprise database applications
  - Water quality, water rights, drinking water, etc.
  - Program data (e.g, facilities, activities) and environmental / ambient data (e.g., surface water and groundwater quality, water use, water conservation, etc.)
- Build in opportunities for feedback
- Improve over time

From home,  
scroll to the  
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# California State Water Resources Control Board

To preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.



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## Announcements

- State Water Board Adopts Order on Long-Term Management of Salton Sea (11/07/17)
- State Water Board Adopts Environmental Standards for Cannabis Cultivation (10/17/17)
- Fact Sheet: Phase II Update of the Bay-Delta Plan: Inflows to the Sacramento River and Delta Tributaries, Delta Outflows, Cold Water Habitat and Interior Delta Flows (10/04/17)
- Water Boards Remind the Public to be Aware of Harmful Algal Blooms this Holiday Weekend (08/31/17)
- California Achieves Major Milestone Toward Sustainable Groundwater Management (08/28/17)
- Eileen Sobeck announced as the new Executive Director of the State Water Board (08/08/17)

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Board Chair


**Felicia Marcus**


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Executive Director


**Eileen Sobeck**


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CEDEN

Data & Databases

Drought Information

FAAST

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Queja de Acceso al Idioma

My Water Quality

**Performance Report**

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Water is a precious resource in California, and maintaining its quality is of utmost importance to safeguard the health of the public and the environment.




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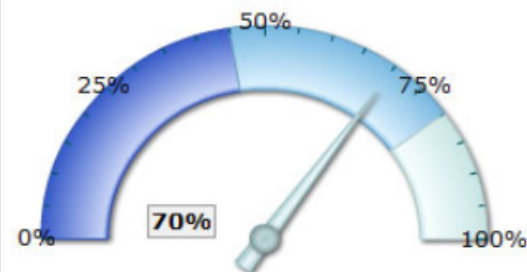
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## The California Water Boards' Annual Performance Report - Fiscal Year 2016-17

This ninth annual Performance Report provides a mechanism to measure and evaluate both what we do and how the environment is responding to our actions, and is part of our overall effort toward developing as performance-based organizations. The Water Boards regulate more than 40,000 dischargers, and our core regulatory workload achievements for the fiscal year included review, update, or issuance of more than 500 individual permits and conducting nearly 6800 inspections.

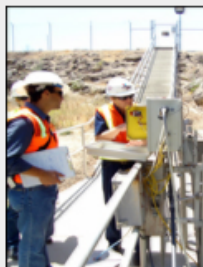
The report presents numerous performance measures for specific outputs and outcomes that are currently tracked through Water Board data systems. These performance measures are organized under key functional categories of Water Board work and can be explored through the tabs below.

Percentage of Targets Achieved in FY 2016-17



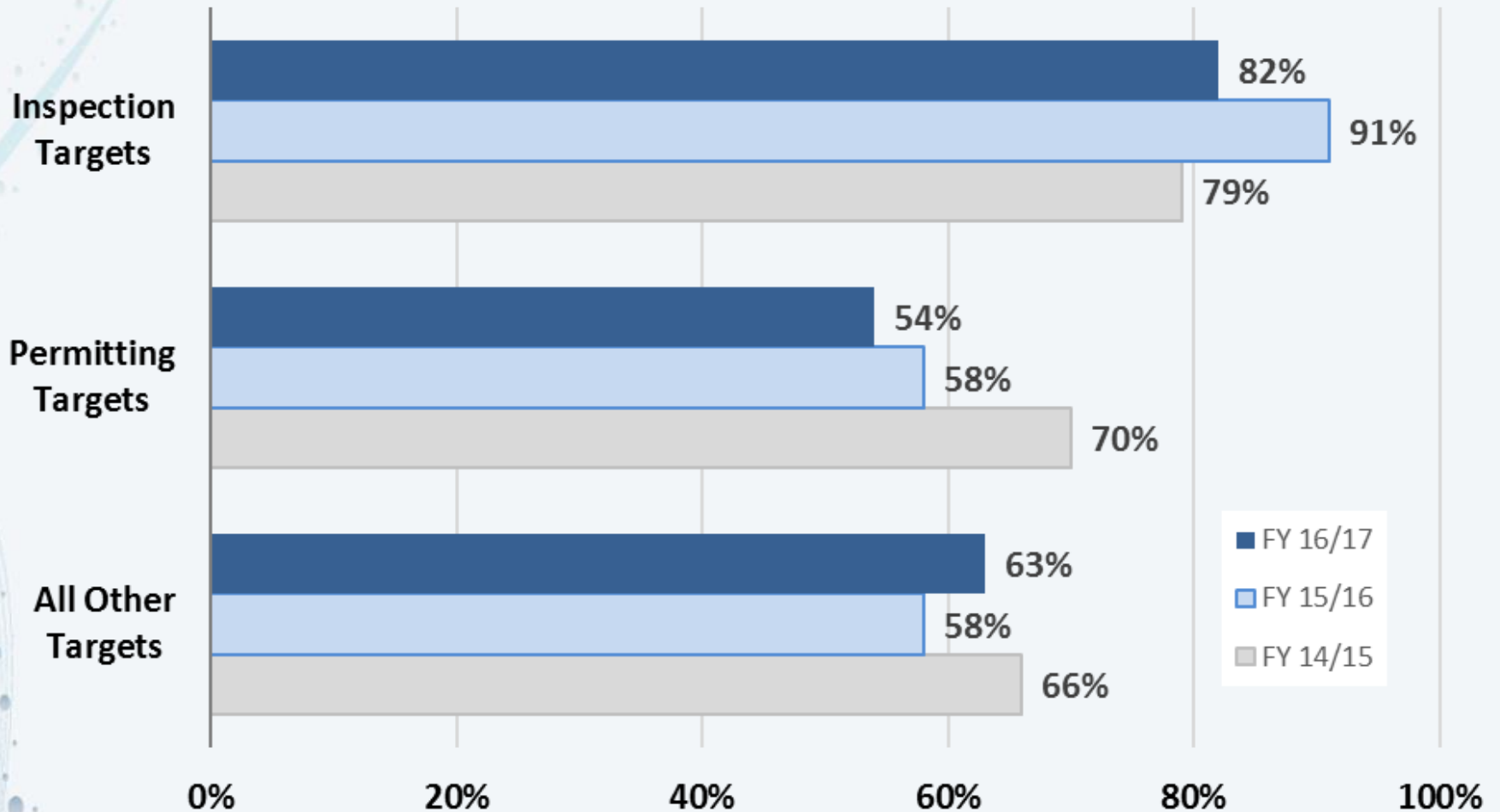
» Previous Year Performance Reports: [FY 2008-09](#) | [FY 2009-10](#) | [FY 2010-11](#) | [FY 2011-12](#) | [FY 2012-13](#) | [FY 2013-14](#) | [FY 2014-15](#) | [FY 2015-16](#)

### WHAT WE DO AND HOW WE ARE DOING FY 2016-17

**Plan & Assess****Regulate****Clean Up****Enforce****Fund****Allocate****Targets**

The State and Regional Water Boards adopt **plans** and policies to carry out federal and State water quality protection laws. The plans and policies contain water quality standards and regulations, which form the basis of the Water Boards' regulatory actions for protecting the quality of the State's waters. The Water Boards monitor and **assess** the condition of the waters to determine if they are supporting their uses, detect long-term trends, and focus and evaluate regulatory efforts. [more...](#)

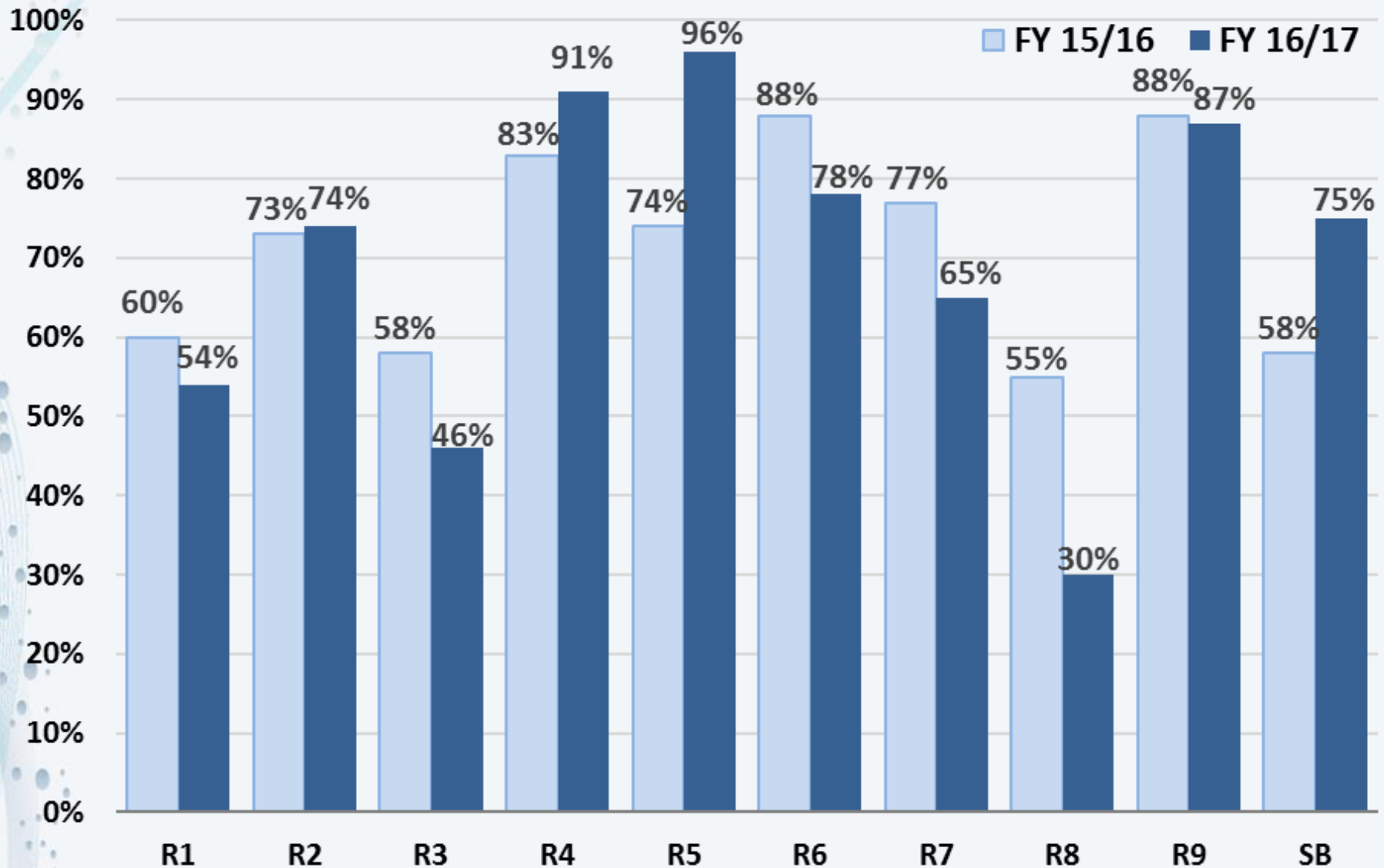
# Statewide Targets Achieved by Category



- Meeting targets is important
- Target setting process is also important
- Understanding why targets are not met is key to improving performance



# Targets Achieved by Organization



# Summary Statistics

	FY 14/15	FY 15/16	FY 16/17
Total Regulated Facilities	30,855	41,518	50,920
Individual Permits Issued or Updated	576	587	585
Inspections Conducted	6,083	6,842	7,615
Penalty and Compliance Actions Taken	2,359	3,200	2,142
Penalties Assessed	\$13.7M	\$13.5M	\$19.0M
TMDLs Adopted	5	5	9
Clean Water State Revolving Funds Allocated	\$789.0M	\$1.06B	\$1.45B
Drinking Water State Revolving Funds Allocated	\$117.8M	\$331M	\$227M

*\* Division of Drinking Water transferred to State Water Board July 1, 2014*

# Current Enhancements

Using improved data management techniques to turn this into what is now called “data driven management”

- **open data** → fewer card pages, more granular data (where inspections are done, who completed them, what was the outcome, etc)
- **machine readable and documented** → allows the easy development of manager tools (SW inspection tool), data storytelling (TMDL report cards, other water quality data stories, etc.) and new insights
- **dataflow automation** → some report cards could become “real time” and require less staff time to populate

# **FY 2016-2017 Performance Report**

[www.waterboards.ca.gov/about us/  
performance report 1617](http://www.waterboards.ca.gov/about_us/performance_report_1617)

Now on the Water Boards' Website



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

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## The California Water Boards' Annual Performance Report - Fiscal Year 2016-17

## TARGETS AND RESOURCES: ALL BOARDS AND REGIONS

GROUP: ALL BOARDS AND REGIONS

MEASURE: TARGETS FY 2016-17

Fiscal Year 2016-17	Fiscal Year 2016-17 <input type="text"/>	Select State or Region (All) <input type="text"/>	Category (All) <input type="text"/>
Expenditure \$ \$692,674,921	Org Name (All) <input type="text"/>	Program (All) <input type="text"/>	
Staff (PY) 2,112.3			

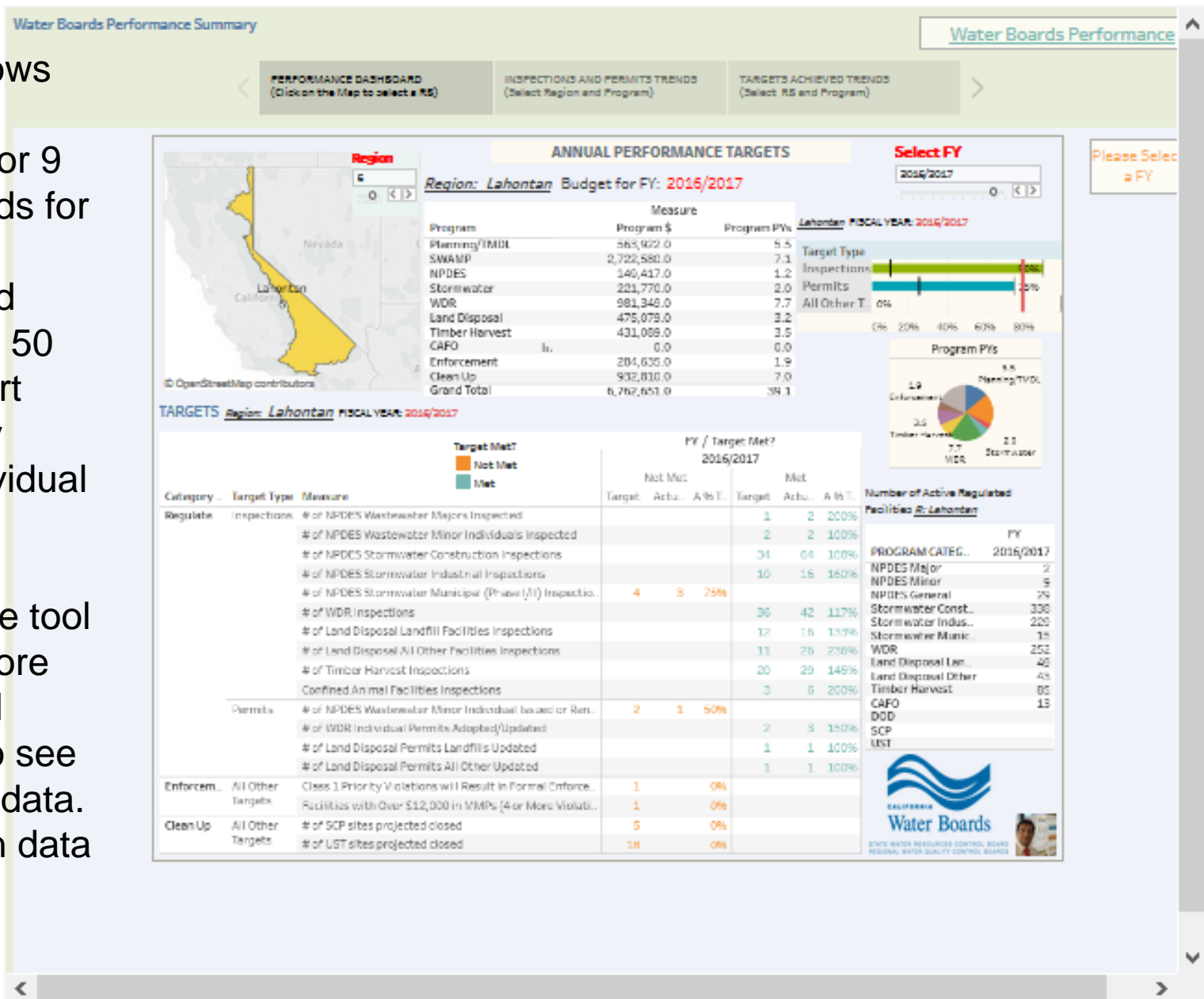
## State or Regional Board: All Organization: All FY: 2016-17

Category	Program	Expenditure \$	Staff (PY)
Planning	Basin Planning	\$19,956,095	96.9
	Delta	\$7,195,012	16.0
	Total Maximum Daily Load	\$7,535,583	42.6
	<b>Total</b>	<b>\$34,686,690</b>	<b>155.5</b>
Monitoring	Groundwater GAMA	\$16,229,638	24.7
	Irrigated Lands	\$4,635,158	23.1
	Regional Monitoring	\$665,603	2.1
	Surface Water Other	\$3,738,722	8.7
	Surface Water SWAMP	\$11,412,243	24.4
	<b>Total</b>	<b>\$36,681,364</b>	<b>83.0</b>
Regulate	401 Certification/Wetlands	\$7,416,367	37.4
	Cannabis	\$3,291,401	24.0
	Confined Animal Facilities	\$3,291,042	14.7
	Department of Defense/Navy Cost Recovery	\$6,999,644	38.1
	Forest Activities/Timber Harvest Plans	\$10,098,701	60.1
	Groundwater Management	\$2,223,341	10.0
	Land Disposal / Landfills	\$11,178,613	53.2
	NPDES	\$20,154,138	88.4
	Other Programs	\$8,719,786	45.6
	Stormwater	\$20,082,659	89.0
	Waste Discharge to Land	\$20,103,623	80.6
	Water Recycling	\$664,657	2.5

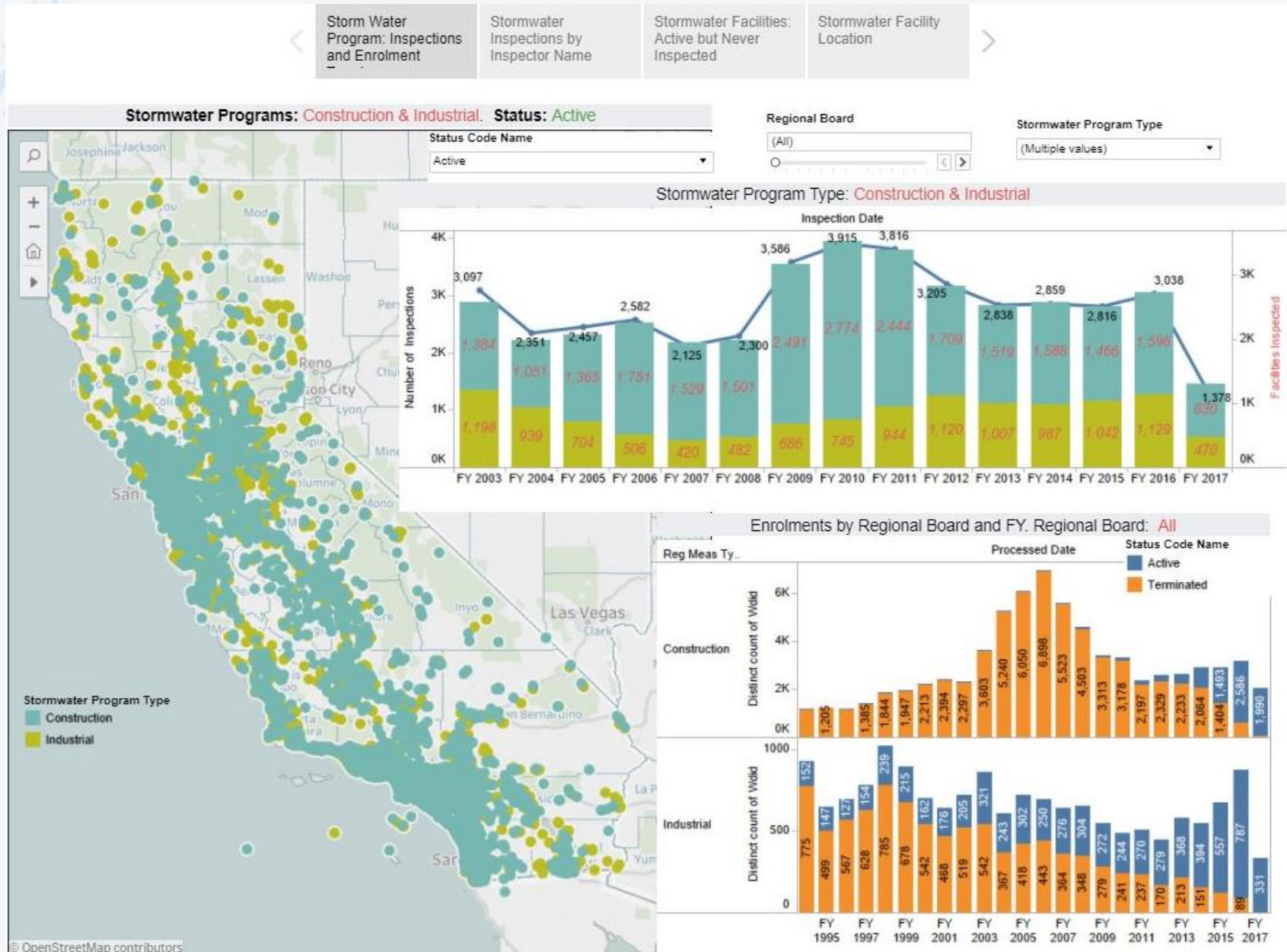


This prototype dashboard shows inspection and permit trends for 9 Regional Boards for about 5 major programs could replace almost 50 individual report cards currently posted as individual HTML pages.

Additionally, the tool encourages more interaction and allows users to see more granular data. All due to open data techniques.



# Stormwater Program Key Performance Indicators Dashboard





# Water Quality Report Cards

A story map



## Water Quality Report Card- Pesticides in the Palo Verde Outfall Drain and Lagoon

### Regional Water Board -Colorado River Basin, Region 7

**Beneficial Uses Affected** - Contact Water Recreation (REC-1); Non-Contact Water Recreation (REC-2); Warm Freshwater Habitat (WARM); Wildlife Habitat (WILD); Rare, Threatened, Endangered Species (RARE)

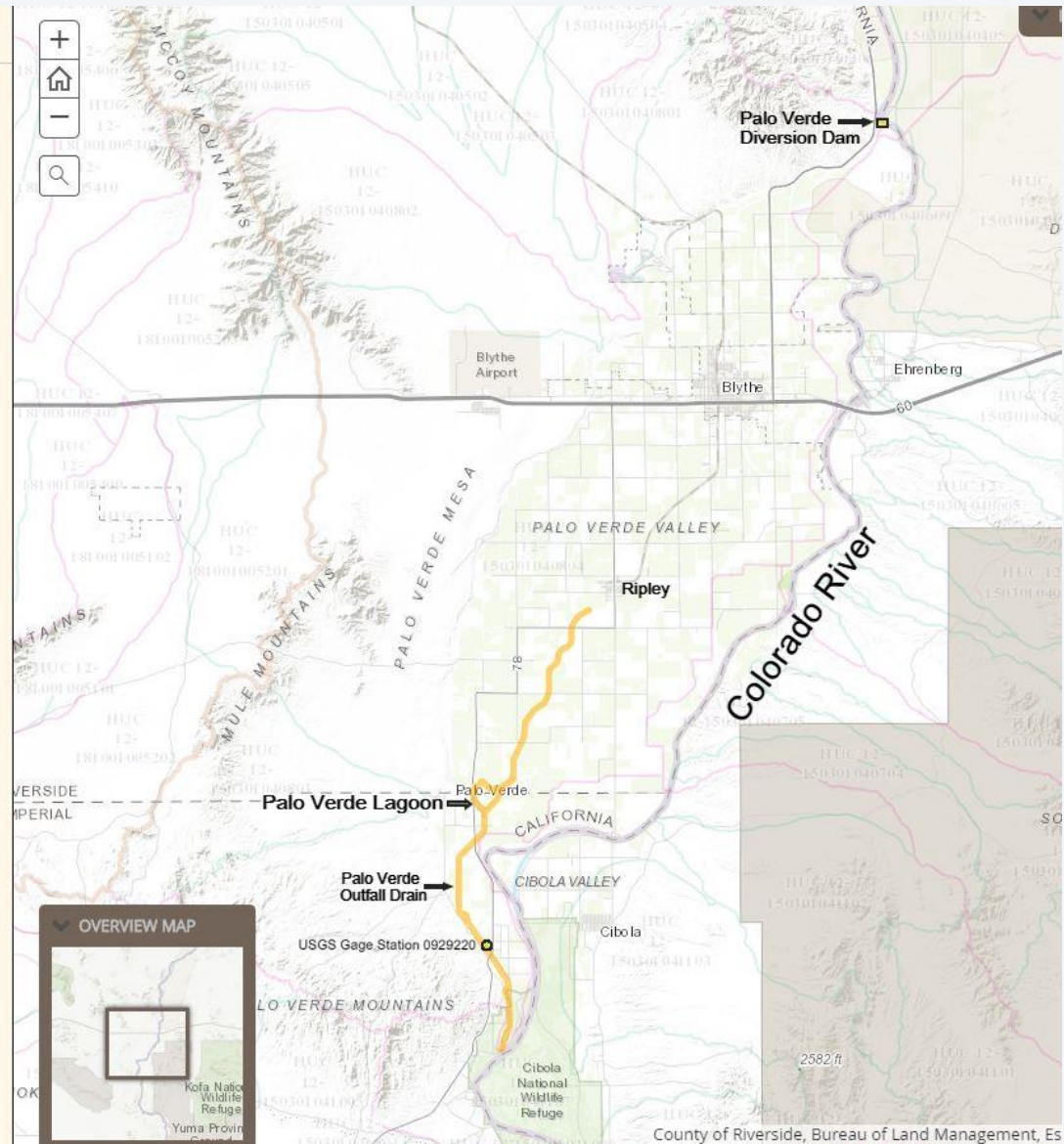
**Implemented Through** - Conditional Waiver of Waste Discharge Requirements (WDR)

**Effective date** - September 20, 2012 **Attainment Date** - 2036

The Palo Verde Outfall Drain (PVOD) and Lagoon is located in Palo Verde Valley and Mesa (approximately 131,000 acres of agricultural land) in Imperial and Riverside counties. Palo Verde Outfall Drain and Lagoon are impaired by the legacy pesticides, Dichloro-Diphenyl-Trichloroethane (DDT) and Toxaphene and listed on the Clean Water Act Section 303(d) List. Discharges from irrigated agriculture were identified as the primary source of DDT. This impairment is being addressed by the [Palo Verde Agricultural Conditional Waiver](#) (Agricultural Order) of Waste Discharge Requirements, adopted by the Colorado River Regional Water Board (RWB) in September 2012. The Responsible Parties for complying with the Agricultural Order are agricultural and drain maintenance dischargers.

The Agricultural Order requires the dischargers to: a) implement management practices to effectively control discharges of waste and meet Water Quality Standards; b) monitor and report to the Regional Water Board consistent with the Implementation and Enforcement of the [State Non-Point Source Control Program Policy](#); c) pay state fees.

The Palo Verde Outfall Coalition (Coalition) was formed to assist member Responsible Parties in





**Questions?**